

What is claimed is:

1. A dielectric filter comprising a dielectric block in the form of a rectangular parallelepiped and having a plurality of through bores extending therethrough in parallel to each other, an outer conductor in the form of a conductor layer and covering an outer peripheral surface of the block in parallel to the extending direction of the through bores and one end face of the block wherein one end of each of the through bores has an opening, an inner conductor in the form of a conductor layer and covering an inner periphery of the block defining each of the through bores, and a pair of input and output electrodes formed on the surface of the block and separated from the outer conductor, the other end face of the block wherein the other ends of the through bores have openings being in the form of an open end face having no conductor layer, the pair of input and output electrodes being opposed to each other on one plane providing the outer peripheral surface of the block, a dielectric block exposing portion being formed between the input and output electrodes and having no conductor layer thereon, the block being provided in said other end face thereof with at least one groove dividing the open end face, the groove being provided with a conductor in conduction with the outer conductor.

2. A dielectric filter according to claim 1 wherein the

conductor provided in the groove comprises a conductor layer formed on an inner surface defining the groove and joined to the outer conductor.

3. A dielectric filter according to claim 1 wherein the  
5 groove extends between the through bores having the openings in the open end face.

4. A dielectric filter according to claim 1 wherein each of the through bores comprises a large-diameter bore portion and a small-diameter bore portion joined thereto in the  
10 extending direction of the bore.